

THIS MONTH WE SALUTE

JERRY MARTIN K4DI
Miami, Florida

(See Report From Congress - Page 10)

FLORIDA SKIP

Vol. II No. 4

The All-Florida Radio Amateur's Publication

SEPTEMBER 1967

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ELECTION NOTICE

The August issue of QST (page 65) announces the election for Director and Vice Director in this Division, and calls for nominating petitions which must be received at A.R.R.L. Headquarters by noon of September 20, 1967.

Every club, and every member, should give very serious consideration to this election. Within the next two years it is quite probable that the F.C.C. will take action on Docket 159-28 (Incentive Licensing.) Although at this time no one knows what the action will be, it is very likely to affect League policy and may even require changes in the League Articles and By-Laws. Your Directory will be your representative when and if the policy changes are necessary--and this is your only chance, for two years, to say who that representative will be. Don't "fumble" it!

The procedure for nominating a candidate for Director and/or Vice-Director is clearly covered in the QST announcement. Follow it exactly so that there can be no question as to the eligibility of your candidate or the validity of your nominating petition. Remember the deadline!

On or before September 15, every member in the Division as of July 1 should receive a Division Newsletter which will include a short questionnaire.

This series of questions will attempt to find out such things as current trends in operating, band use, participation in club activities, etc. If a sufficient number of questionnaires are

(Continued on Page 16)



"LET IT RAIN - who cares" says these two young amateurs operating Field Day with the Broward Amateur Radio Club near Ft. Lauderdale. The station is housed in a small van-type truck which is easily moved from FD site to home port. More clubs are using this system each year. This 6 meter station racked up a nice score.

(Photo via W4IEH)

Amateur Radio Publication Contest Announced

The Amateur Radio News Service is pleased to announce its First Annual Publication contest. Awards will be presented to outstanding Publications, Editors, Clubs, etc. in many categories. See the General Rules and Regulations below:

1) The contest is open to all Amateur Radio Publications, Member or non-member of ARNS, provided the Publication is strictly non-profit in character and is published solely in the interest of Amateur Radio.

2) The contest will be under the supervision of the ARNS Publication Committee and the Vice President, Publications, will be the contest manager.

3) Entries will consist of any three issues of the Publication (to be selected by the entrant) issued during the current year.

(Continued on Page 16)

Another YL On Ham Bands

We recently received word that Linda S. Burton (18) received her amateur license WB4GHC. "Susan" will be a Junior at the St. Augustine School for the Blind this September and will be on the air shortly. When you hear the call WB4GHC be sure to give her a call. Congratulations Miss Linda S. Burton, many who can see can't do as well.

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Deadline - 10th of month in Box 501, Miami Springs, Fla. 33166.

PERMISSION: Anything in Florida Skip may be reprinted in any other amateur radio publication in the world with a Credit Line please.

Dear Mabel XYL Award, c/o Skip, Box 501, Miami Springs, Fla.

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Guest Editorial

Much has been written about the future of Amateur Radio and our frequencies as we know them today. Many predict that we will lose all of forty meters and many parts of other bands at the next ITU conference dealing with frequencies and their allocation. This certainly would wipe our precious DX activity out or at least cut it down to a minimum depending on how much of our frequencies we had left. Of course not everyone agrees that we will lose our frequencies. Whether we will or not is not the subject of this writing however. I would like to examine the results in say the year 1980 if we were to lose all our present HF frequencies. This would certainly bring all DX activity to a standstill, or would it?

A very similar thing happened not too many years ago (but before my time!) when all amateur operations were stopped on the "useful frequencies" below approximately what is now our 160 meter band. This according to many "experts" would nip amateur radio in the bud and there would be no more trouble from this group. What actually happened as a result was that this was the beginning of Amateur Radio and indeed, all radio on a long haul basis. Not all amateurs were experts so not all believed that these frequencies were useless. Soon contacts were being made on bands as high as twenty meters! The gradual move upward continued and even though little or nothing was known about sunspots, sporadic E, or any of those things, progress was made.

Those who are pessimistic will say that even though these things are true there is no parallel to modern times. Things just will not happen that way again. Those were times of early research and much was to be had without a lot of expensive research. We simply can't expect history to repeat again in this respect. But can we? It seems that this upward trend in the early days of "up above 200 meters" has never ceased. As a matter of fact it seems to be growing now at a faster rate of speed than ever. Stations right here in Florida are spanning distances never before spanned on both two meters and 432 MHz. This is being done via satellite, via moon bounce, via meteor scatter, and by regular troposphere reflections. Such contacts as California to Finland have been made on the two meter band by use of the moon to reflect signals back to earth. Signals have also been heard in Australia from the US via the same means. Two way contact will certainly come very soon. Of course these are isolated cases but they are only isolated because not many people are working on the problems. By the time we of the "DC" bands get there most of the problems will have been worked out. Wholesale contacts via satellite is also just around the corner. Instead of the various DX alert nets around the country sending out times of Harvey's arrival at VQ8 or Don's landing at 1M4 they will be handling our orbital predictions for Oscar XX or inclinations of the moon or some such thing.

So do you think that the future of amateur radio depends on our keeping our present HF frequencies? I think not. Amateur Radio depends only on amateurs and their spirit of exploring. I'm sure that we will not lose our HF frequencies in the near future but if we do will we sit down and cry about it or will we try to figure out a way to use what we have left for what we want to do? I think the course will be the latter. So what time does the moon rise tonight? I have to get Don this time or I "lose the moon" for twenty-five days and he will be gone by that time.

That is it for another month. 73 and good DX.

DE W4MVB

SILENT KEYS

It is with deep regret we record the passing of the following Florida amateurs:

Earl A. Bostelmann, W4SA, Miami Springs
Hubert "Windy" West, W4-LZD, Fort Myers

SPECIAL THANKS

We'd like to thank the following amateurs for their excellent support in obtaining new Florida Skip subscribers: WA-4EDL of St. Petersburg and Jim Wilson W4GDK of Fort Lauderdale. Both have turned in dozens of new members. Our sincere thanks to you both.

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ARMY MARS

By Joseph C. Patterson AD4TZI

Following requests from several members of Florida District Two Army MARS, and after careful consideration, Gene Farthing, District Director, has activated a new six-meter net. Initial operation was on Sunday, July 23rd, but because of very poor atmospheric conditions, initial participation was somewhat limited.

The net operates from 7 to 8 p.m., EDST, on Sundays and Wednesdays, on 49.94 mc, on AM and SSB. Permanent NCS is Bob Kunstbeck, AD4FPR; ANCS is Tom Chisholm, A4FP.

It is hoped that all Florida District Two members having

six-meter capabilities will join in making this new six-meter net a going operation.

Gene reports he is grateful for the ready acceptance of his various Army MARS operating assignments for 1967-1968. He especially mentions the fine work of Lew Salter, AD4SEO as the Net Manager and the work being done by his new Assistant Director, Mac McSheehy, A4SEA, in helping to incorporate the West Coast Florida Two members in the two-meter net. He also reports he is greatly pleased with the co-operation and high caliber performance of the newly assigned NCS and ANCS stations for Florida Two.



THE 170-FT. Tower at Lou Bergenroth's, A4VPQ, Fort Pierce Communications, Inc. The tower supports transmitting and receiving antennas for the Fort Pierce Repeater Station for the Florida Mars two-meter net. At his QTH Lou installs and services auto radios and tape players, and operates a Lafayette Associate Store with a large stock of equipment and parts for radio amateurs.



DAN KLEIN K9VBK of Eldorado, Ill. and his lovely YF Beatrice wish to say "hello to all our Florida amateur friends". Dan is editor of their club paper and says F.S. is best he's seen. Watch for him this summer on 10 and 15.

Whispering From An Assistant

As most SKIP readers know, I have been serving as an Assistant Section Emergency Coordinator for the past five months. The title of Ass't SEC is by no means a common one, there being only two such unofficial appointments in all of the ARRL Divisions, namely W4WQM in Greenwood, S.C. and W4FP. The fact that W4WQM is either a YL or an XYL is also uncommon. So much for that and now to business.

The semi-annual ARPSC report for Eastern Florida was forwarded to our SCM and ARRL on July 1 and revealed the following facts and figures. There are 1304 ARPSC members in East Florida, comprising 918 full and 386 limited, with 32 EC's and 66 assn't EC's. As the amateur population is approximately 7500, it would appear that 1 out of every 6 amateurs are members of the ARPSC, at least that is what the records show.

This is not a true picture of the total public service minded operators in East Florida. My guess would be that there are at least another 1500 to 2000 stations that could be included that do on many occasions perform emergency services to the public, and when the hurricane warnings start rolling in, it would appear that just about every station in the state of Florida calls in on the emergency nets.

With all of this interest, it is difficult to understand why our ARPSC membership is so

small. It could be that many of the amateurs do not wish to commit themselves or become involved in the organized ARPSC.

The purpose of registration in the corps, is merely to give the ARRL and the emergency officers in each state a rough idea of how many stations could volunteer their services and is simply an indication that your facilities and skill are presently available to your community and your country if required. To this end you are willing to participate in organized preparedness as part of a local and national amateur group. Registration in the ARPSC will add strength to the amateur services in its endeavor to render continuous and organized service to our nation, and carry on this tradition which has prevailed for many, many years.

Florida is regarded as one of the more active hurricane states. Let us reduce the ratio of amateur to ARPSC from 1 out of every 6, to a figure of 1 out of every 3.

More on this next month. Don't forget that our all Florida ARRL appointee net meets every Thursday evening at 8:00 P.M. EDST on 3950 K.C. All ARRL appointees are invited, particularly assistant EC's.

CUL, W4FP, Tom Chisholm.

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"Maintenance" . . Antenna Style

By Earl Spencer, K4FQU*

A dissertation on reasons and procedures for periodic maintenance along with a few hints on some improvements for your antenna system. A necessity that most Amateur's try to ignore yet those who practice it realize the profits...

*1413 Davis Drive
Fort Myers, Fla.
33901

PART I

It has often been said, "You can't work them if you can't hear them" and a truer statement was never uttered. The same applies in reverse; you can't work them if they can't hear you. Every station has a transmitter and a receiver and once in a while they get a dusting off or a weak tube gets changed, generally not so much in the way of preventative maintenance but in the weak hope that signals will improve. While the dusting and weak tube changing may help a bit, the chances are that most of the trouble is over your head. How long has it been since you gave the antenna a little attention? Very likely it's long overdue as most systems are. A little preventive attention periodically could result in a good signal on the air and it could also guarantee that the antenna will withstand the next windstorm.

Antenna systems come in various sizes and shapes and while a particular type may in essence be missed in this text, the theory will apply to any type or kind of system regardless of it's complexity or magnitude.

If you are an avid Amateur as well as a bit thrifty and if you are not afraid of a long weekend of hard work, try this format on for size. The results will be productive and very gratifying. One does not drive a car for years without greasing or washing it so why drive your antenna until it collapses, literally that is.

No job large or small can be executed without tools and this one is no exception. The following is a list of some that are certain to be used and more will wind up on the ground before the job is finished.

An assortment of small wrenches, pliers, screwdrivers, etc.

A can of liquid wrench.

A ladder.

Wire brushes; preferably electric.

Rope.

A large package of steel wool.

Mineral Spirits.

Medium grade oil.

Lots of clean rags

An old paint brush.

Paint.

A tube of LUBRIPLATE.

A tube of GE CLEAR SEAL

A spray can of Clear Acrylic.

A large assortment of nuts, bolts, washers, etc.

\$10.00 more or less for new parts.

"AMBITION"; Lots of it.

All of the above will be used before you finish if you plan on doing a thorough job, which is the only way to plan. Pick a weekend, get some helpers if possible, and go to work. This is a job that should be reciprocal; Amateurs helping each other do the same job. It could also be a good Club project along toward fall before the snow sets in.

PART II NEXT MONTH

From The Press

Gallipolis, Ohio.....Man,
3 children electrocuted.

Three children and a man were electrocuted yesterday when the citizens band radio antenna they were installing at a rural home touched a 7200 volt line, sheriff's officers said. Killed were Calvin Cousins, 30, an employee at the Big Kyger Creek power station on the Ohio River; his children Vicky Lynn, 8, and Calvin Jr., 6; and his niece, Sharon Gail Dotson, 10, daughter of Mr. and Mrs. Junior Dotson, all of Rte 2, Bidwell.

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HERE'S A SHOT of the Lake County ARS set-up at the county fair. OM's McLean and McNeeley operate the 32S1, HQ110C handling traffic while McNeeley's harmonic gives plenty of QRM in the background.

(photo via WA4TJS)

6 METER REPORT

By Dick Ralston, K4LFF

Just a note to sort of get you on the ball and get something on 6 meters from the St. Petersburg area.

Last Sunday (July 8th) the band was open all day into California, New Mexico, Arizona, Nevada, Utah and even Louisiana. The 1's, 8's etc. were also in, but they are considered almost local by now. Ended the day with Eric, TI2NA, who was on AM in our CW band, so did you every work that way with a transceiver? I did and it can sure keep you on the ball remembering the right frequency.

Had a very nice chat with Rusty, XEIPY last Saturday nite about 10 PM and also again yesterday. He mentioned about looking for 3C2TQ, Larry on Hudson Bay near the Arctic Circle so guess what? I worked him last night at 9:30. He had all areas calling due to rare sounding call and also many like myself knew that he was really up there in the ice country.

The band has been open every day into the west and also other areas. I have California logged every day except Monday. At noon Thursday I got busy and had a page filled up before quitting at 10 PM with WA7HQF in Washington. During the day I took time to handle traffic for Kay, K4TBG/4 in Franklin N.C. and even talked to Les, K4RNG Miami for a few minutes.

Summed up: It takes a good antenna and SSB helps.

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CLUB NEWS

INDIAN RIVER NEWS

By D.R. Klobe WA4KJV

Missed the Field Day activity, which I understand was a lot of fun, and I missed our fourth of July traffic handling activity. Tom Dingman, W4HCG, did a real fine job as per usual on the fourth of July activity. While giving credit where credit is due, I would like to say that Dale Strieter, W4DQS, did a real fine job as Field Day chairman. Dale has had past experience in such activities and it really paid off as you can tell by the score. Not bad for a first time.

Tom Dingman has plans in the mill for a bunny hunt and a family type picnic to be coming up soon. If the picnic is anything like the fish fry we had last year, it should be a real fun type thing.

Read in last months Fla. Skip that Ed Platt, W4RUR, is discontinuing his code practice sessions. I for one sure am sorry to hear that. I recently went to Tampa to have my license charged from conditional to general. I listened to Ed's session every chance I had to bring my code speed up and before long he had me copying 18 solid and 22 pretty fair. While I was at the FCC office, I talked to a few other applicants and found that they also listened to Ed. All I can say, along with many other's is thanks Ed for your help.

By the way, as I mentioned above, I converted my license from conditional to general. As you may remember at the Miami hamfest this year, Chuck Bolvin, W4LVV, said that the FCC was spot checking conditional and technician license taken by mail. I for one can assure you that he was right.

The club had two real fine programs since last printing. Jim Bayless, W4-BAL, presented a program on VHF

equipment. Jim had a lot of equipment on display and his talk included converter's, transmitters, antenna's and some construction hints at VHF frequencies. O. B. Rawls, W4FXH, presented a talk on frequency allocation. O.B.'s work is along these lines and he seems to be quite an authority on it. O. B. stressed the need for amateur's to support ARRL since they have such an important voice in the allocation of amateur frequencies. Both talks were very enlightening and very enjoyable.

Norm Holzweg, WB4EBH, has accepted the job of publicity chairman replacing Jack Evans, W4LOF, who had to leave the club. Jack did a real fine job while he was in that slot. I'm sure Norm will also do a real bang up job.

SUNCOAST ROVING REPORTER

By Cathy Soehl - W4BAV

K4HQA-Art has been Net Control for the SPARC-GAP Net, every Tuesday, for around 2 years. He consented to take it for W4BAV -Cathy, who was going on vacation and was left "holding the bag" when Cathy married and moved from St. Pete. Art has done a "bang-up" job and been very faithful, seldom missing a week. Several times Art has asked to be relieved of the job, as he has other nets, but those interested failed to take over. Now Art definitely says he must quit and have a vacation, so we hope someone will be willing to give one night a week and carry on. Any takers? Thanks, a million Art.

Congratulations to SPARC on their project of assisting Don Bush, a physically handicapped, to become a ham. Several members are helping teach him code, theory and others have offered to aid in getting equipment and perhaps take him for a ride occasionally. Attention of Don's plight was brought via K4SZC-Butch, of Cocoa

Beach, who is similarly handicapped. WA4CIL-Dolph and XYL-Mary Jane took a well earned vacation, visiting relatives and friends in Pittsburgh, Pa.

WA4MHR-Burt had better not take any more vacation trips. We reported last month that he and XYL-Dot flew to Maine; now we must report that after returning to work for a few days, Burt had to go in the hospital for some check-ups. We are happy to report he is home and feeling much better, though is taking it easy.

W4UFR-Earl and XYL, W4WPD-Shirley are sporting a new '67 Dodge Dart. Have not heard what color, etc. So can only say betcha' it is pretty and they are riding around in style; no doubt it is air-conditioned, how about it Shirley?

WESTERN FLA.

By Frank M. Butler Jr. W4RKH

Pensacola: W7BNR/4 laments the lack of West Fla. stations in the Phone CK Parties. W4DAO finally got his rig back that was stolen months ago. W4MS, K4KIF, K4PIN and K4RUG are hunting DX on 6m SSB. K4SOI has re-activated the 10m net; check in Monday nights at 7 PM. WA4IZM runs 120 watts mobile on 2m FM; he is looking for a base station.

Fort Walton/Eglin: New EARS officers are WB4EER, W4JNI and W4RKH. Newest Novices are WN4GMG and WN4GMH. WB4GSD, XYL of W4EVU, finally received her Technician ticket. K4QHR and WB4ENK are fully operational on RTTY. W4-MMW repaired the PE-75 just in time for hurricane season.

Crestview: A 2m antenna was installed atop the Courthouse to serve the C.D. Center, thanks to K4JFL.

Defuniak Springs: K4VWE was transferred to Chicago. Chipley: A C.D. communications exercise was recently held with WB4FLK, W4IKB, WA4SRR and WA4ZIM taking part. WB4GQP is a new ham in the Vernon area. K4SGY is doing graduate work at U. of Fla.

Port St. Joe: K4RZF and W4MXN monitor 3957 Kc. during the day from the office.

B.A.R.C.

By Jim Wilson W4GDK

Instead of a regular meeting in August a large group of our members met for dinner at America's, the fine restaurant run by George Florio K4OBS. After a delightful dinner, 47 people drove on to the big A.T. & T. installation near Ft. Lauderdale for a conducted tour. They were reluctant to leave even after two hours.

This is A.T. & T.'s receiver and control station for overseas radio telephone to Central America and the West Indies. One thing of special interest was the Range Direction Finding Console. On it they can identify and locate interference to the system's frequencies. Two other stations in New Jersey and California

make possible cross bearings in this work. Ninety control terminals are possible. Sometimes they run 10 to 12 circuits to a single country.

The High Seas Console handles ships which call in at random, cruise ships, fishing boats, yachts, and airplanes using high-frequency channels. They can place four S.S.B. talking circuits on a 12 KC assigned band width.

Pres. Jack Wainwright arranged this very interesting tour. He says the copies of the new club bylaws will be available at the September meeting.

The September meeting will be held on Sept. 13-3 PM at the Broward County Medical Assn. Bldg., 2200 So. Andrews Ave., Ft. Lauderdale. All interested in ham radio are invited to attend.

GULFSTREAM SOCIETY

By Al Suhr, WB4AID

Well-Everyone is on vacation so thought I would take it easy this month. Just to let you know that the Gulfstream Society of Amateur Radio Operators is still alive and kicking.

Lewis B. Elam, W4OJY, a professional engineer for Channel 5 in West Palm Beach, answered our letter of invitation and is now a member of our group-AND-so did F.B. Landy, W4-OCM, follow suit and will begin his attendance after about six weeks on the road for an extended vacation. He's retired from the Western Union.

Al Suhr, WB4AID, gave the Novice exam to Larry Nurmi, student in the Society theory class. Larry is waiting, not too patiently.

Please note c.w. drill as staged by the Gulfstream Society of Amateur Radio Operators-Monday through Thursday each week:

Advanced speeds-13 wpm and up on 21.080 Mc., at 2300 GMT, sent by WA4TBN, Frank Piverotto.

Beginner speeds-5 to 13 wpm on 7.090 Mc. at 2400 GMT, sent by WB4AID, you know who.

The month of August will end the theory class for this term. Another will be announced.

Also planned-Boy Scout instruction on Electronic and Radio Merit Badges with Tommy Butler, WA4IET as chairman of this new function.

Hope everyone has a real nice vacation.

DADE RADIO CLUB, INC.

W4NVU

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AMATEUR RADIO SOC.

NOFARS



W4IZ

MEETS
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TECHNICODE SYSTEMS

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NOFARS

By Howard Kelley, K4DSN

NOFARS are still basking in the sunlight of what to them was a Field Day victory whether or not state or national recognition comes our way. W4IZ/4's 10,660 points with 1,675 QSO's surpassed the highest two-transmitter score of any W4 ever. What made it all a success for us was to increase last year's score by more than two-thousand points. The 1967 FD score by transmitter was SSB, 1,047 QSO's; CW, 628, QSO's. No doubt the club's new call letters helped during the pileups and no doubt our lofty position in the Gator Bowl press box didn't hurt our signal strength either.

From ten to the mid-seventies is the age span of the fifty members of the NOFARS Code and Theory classes for the Novice Class license. This is the first go at it for the majority of aspirants. However, one of the OT's of this group used to be 4KK. Teaching theory and rules is George Werner, W4ORT, headmaster. Club president Ron Locke, W4YPX, instructs the dit-dahs, with occasional help from other members.

AROUND THE CROWN: Bill, W4-4NEV, has a new 40-foot tower for the beach salt air to work on. . . . Several NOFARS members got in the swing of the Boy Scout International Jamboree by giving tours of their shacks and making contact with the BSA station. . . Richard, W4ADN, is sporting a new cast and hopes to have it off in November. Maybe the doctor will let him operate soon. . . Finally, SCM Jesse Morris, W4MVB, took ten days off from work to scrape and re-paint his tower and do a little maintenance on his beams. The job was finished by Saturday. By Sunday the entire thing was spread out across his back yard. It does get windy by the sea-shore.

FT. MYERS

By Ken W4SMK

Rumor has it that the Jacksonville clubs came up with some really fantastic scores to win the Fla. Field



QSL of-the-Month — DR. T. J. BAKER

Day competition. Congratulations to both clubs and the FB operators you must have had to do that kind of job. I still say we have some of the best ops in the country here in the Sunshine State.

Our club members were saddened by the sudden passing of H. G. "Windy" West, W4LZD on July 12th, from a heart attack. Windy was well known here and on the ham bands also, and was holder of an Extra Class ticket that he worked long and hard for. We shall certainly miss W4LZD.

Herb W4KET is building himself a KW amplifier with 4 811-A's into a neat cabinet that he got through MARS.

Mike K4OBD has moved with his family up to Atlanta, Ga. and we wish him all the best in his new home and at a new job. Hope to hear you on the bands, Mike.

W44LKY Lucky has left for a two week vacation and he plans to operate mobile while gone.

W4LNE plans to catch a ship out for Viet Nam any day now and will be taking the TR-3 along again. This time he should be able to keep in touch with the family since he has a new quad at the home QTH to go with his kilowatt.

W4DKJ had a nice spread in 73 Magazine with some of his pictures of the old worlds fair amateur activities.

This writer had an unfortunate experience with lightning which came in on the power line and cooked my KWM-2A. After putting arrestors in the antenna leads seems I forgot about the power lines. Understand those G.E. line arrestors are FB insurance if you install them in the AC lines. I have one in now, but it's a bit late, hi.

Howard W44LFZ now has the bugs worked out of his RTTY terminal unit and is copying very fine.

Fort Myers amateurs send me some news for a change.

PLATINUM COAST AMATEUR RADIO

By Jack Braun WN4FUA

Well here goes, my first attempt at journalism. Before I go on I must thank W4BAV for the article in Aug. SKIP about our picnic. We sure appreciate the kind words, Cathy. Come see us again.

Our Field Day was a success. Operating four transmitters at one time on 100% generator power, and the addition of a wonderful newspaper article, with pictures, we compiled a to-

(Continued on Page 11)

September Specials at... THE NEW HAM SHACK at Tel-Appliance in Sarasota



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NET NEWS

TROPICAL PHONE

KEN W4SMK

The summer doldrums really hit us last month and except for one or two days of brisk activity the traffic count was way off. We have also been getting very few check-ins some days, especially Saturdays. While we realize that many of you are on vacation, etc. please try and check-in when possible. It is pretty discouraging for stations to come in with traffic and find no outlets for it day after day. Band conditions are not too bad at 6 PM most days, but laziness and lack of activity is contagious these days. Don't forget that traffic is a year round activity since the people who originate messages never seem to take vacations.

Congratulations to Don WA4YIH who got his private flying license. While Don was learning Jay WB4DSP was NCS for him and did FB.

We welcome back Charlie K4OER and also Reg W4ILE who were missing for awhile.

Joe WA4FGH will be gone for six weeks on an extended vacation and we wish him a happy time.

WA4COR wounded himself in the finger while building that new operating console, but Win is back in action as NCS now.

TPTN statistics for July QNI 410, average QNI 16.4 in 25 sessions. Total QTC 107 for an average of 4.25. Not exactly a world beater last month but at least we kept plugging along. Thanks guys and gals and let's make next month bigger and better.

FLORIDA ARPSC NETS

ARRL League Official/Appointee net, 3950 Thurs. 8 PM Florida Amateur Sideband Traffic, 3940 Sun.-Fri. 6 PM Florida Amateur Teletype Traffic, 3704, Daily 7 PM Florida Midday Traffic Net, 7230 Mon.-Sat. Noon, Florida Phone Traffic Net, 3945, Mon-Sat 7AM Florida SSB Emergency Net, 3940, Wed. 7:30 PM GATOR Net 3651, Daily 8:30 AM.

QFN All Florida c.w. Net, 3651, Daily 630 and 10 PM South Atlantic Traffic (Fla. to NY) 3950 Mon.-Sat. 1030 PM Tropical Phone Traffic Net 3945, Mon-Sat 5 PM West Florida Phone Net 3957, Daily, 6 PM. (All times in EDT) (Keep this list near log.)



THE THREE LADS standing in front of the NOMARC (North Miami Amateur Radio Club - WA4KJF); QSL board are: (l. to r.) Brian WA4VZW, Al WA4FZV and Tandy K4YSN. NOMARC has three complete stations set-up in the Civil Defense basement located in the North Miami City Hall. Listen for WA4KJF during Hurricane Season.

(Photo via K4KRN)

You ARRL members with League appointments please QNI the LO Net in Fla. at 8 PM Thursdays on 3950 Kc. Contrary to what you may hear this net is for ALL League appointees and not just EC's and assistant EC's. Join us?

Also for a change of pace how about some of you mike men oiling up your keys and surprising QFN or Gator. Net?

FMTN

By W4AKB

WB4CBP, Ted, had a run of bad luck on Wednesday July 5th. A gust of wind blew his quad out of shape and when he tried to get it down a piece of pipe fell on his wrist and bruised it severely. Then he went to the store and bought a new piece of pipe. As he drove in the driveway it slid through the windshield. That was when Ted quit for the day. Later Ted told me that as he was raising his quad something gave way and down she came again. He has it up now, at least till the first hurricane starts up.

W4GDK, Jim Wilson has headed for a cooler place for a short vacation. FMTN meets every day except Sunday, at 12 noon EDT or 1600z. We welcome all modes, AM, CW, SSB to check-in. Any station desiring to be placed on the roll may request the NCS to do so and you will be called each day. Stations not checking in over a period of weeks will be dropped from the roll but will be re-instated if and when they resume.

We are proud of our net and we urge stations to join with us in keeping FMTN the highest rating net in Florida.

During the month of July there were 26 sessions with 505 stations handling 354 formal messages. Average QNI was 19; average QTC was 13.6.

Our Net Manager is W4SDR, Clyde in Daytona Beach, Florida and Asst. Net Manager is K4DAX, Herb in Bradenton, Florida.

73, Charlie

FLAMINGO NET NEWS

By W4EDP

What with vacations, heat, humidity, mosquitoes, flies summer visitors, extra work on the job, and general ennui that sets in at this time of year the column got a little behind, but here we go again.

The Flamingo Net has been plunging along in its usual lethargic style. Ten meters has been good being open most every day and nearly every evening for short skip, some of the skip not being too short at that. On several occasions in the last couple of months we have been able to give out Flamingo certificates to three or four stations the same evening, and the band would go out with more waiting on the sidelines. Kurt WA4GGJ has been busy mailing out the wall paper.

A most welcome home to the Gauzens, Carl W4DTJ and Evelyn W4WYR, after a really extended vacation trip. Eleven kilometers in six weeks, that is something more than a trip to grandma's house. We are very happy that they all returned safe and sound with enough to keep them talking about for a long time to come. Carl said that his 7 watts on 10 meters wasn't quite enough power to work us here in Miami, and besides his receiver was not quite sensitive enough to copy us from the West coast. You should have had a portable rhombic along Carl, remember that the next time you go so far from home.

The net held one of our famous transmitter hunts a couple of weeks ago with WA4NHT hidden deep in the brush about 20 feet south of the Broward County line. Since the north boundary of the hunt was the Broward County line we had to go all the way to find him, but find him we did. You cannot hide from a Flamingo on a hot ten meter scent.

Well, so long for now, see you on 29.044 KHZ Friday.

QFN REPORT



By Bob
Blumberg
WA4OHO

QFN's efficiency rate in messages per minute remained about the same for July as June until July 29 when WA4SCK appeared with approximately 65 regional net bound traffic, which pushed our rate up to a good .357 messages per min.

Big welcome to new members WB-4GCQ, Ken of Key West. Also glad to hear WB4AJV/4 from Key West again after a jaunt to the Bahamas. Also nice to hear K4EHY, Dan, home from the Coast Guard for a few days.

WA4BGW, Al, has left his second home in Gainesville as a university student and will now work for Florida Power in St. Petersburg.

Many thanks to Reg, W4ILE for handling the last days of July in the net records while I was running around the Caribbean.

So far we have been lucky in respect to hurricanes. Let's not sit back though, for one may come yet. If you have been contemplating an emergency generator, get it now!

Things are a little slower on the net during the summer, which provides an excellent opportunity for you to get in the swing of the net before the winter season. We invite everyone to join QFN on 3651 kc daily at 2230 and 0200 Z.

SATN

By Jay WB4DSP

We of the SATN are pleased to see that we moved the most traffic of the Florida nets in July. Let's hope the trend continues.

Bill, WA4RQR, and the members of the SATN, handed over the managers shoes, to Jay WB4DSP, as of July first. The new assistant net manager is Arnold, WB4BZA, Sumter, S.C.

WA4YIH, Bruce has been working on his amplifier lately and says he is now running the limit. We in south Florida won't argue that. Les WB4BPL had a lightning strike and apparently was off the air for a short period. His receiver is still acting up, he says, but at least he's back. We congratulate WA4BPL on his BPL's in May and June. He truly lives up to his call.

Don WA4YIH has been pretty silent lately due to his flying. He expects to get his private pilots license shortly plus a new 40 foot tower.

The SATN handles traffic in the state of Florida and has regular check-ins along the Atlantic seaboard. We can move traffic going north. The net meets at 2230 EDT (0230 GMT) near 3945 kHz. As one can see from our QNI, we need more check-ins. We have an opening for an NCS spot. He should be able to be copied in New York. Let's see more of you on the SATN. 73, Jay WB4DSP.

PLEASE PATRONIZE SKIP ADVERTISERS

Dear Mabel:

Dear Mabel:

Seems like everyone is talking about Field Day. I didn't go which is probably just as well. Grew out of my desire to spend a night in a tent when I

got too old for the Girl Scouts. But Homer... for a guy who has to hop in the car to go down to the corner store, he certainly gets rough and rugged when Field Day comes around. He does everything but put on a coonskin cap and chaw terbaccy. So I stayed home and heard about it all that Sunday afternoon.

According to Homer, the club killed 4000 mosquitoes (not verified) and 4 cases of beer (official). It didn't rain this year so they didn't have to worry about leaks, but somebody did drive over two tent pegs. The tent collapsed on one end, and almost smothered Orville, who was working CW. True to tradition, he kept sending, but being a little high strung all he sent was "QRRR." And either in the excitement he forgot to switch over to "receive" or a real emergency message shook everybody else up, too, because he didn't get any answers.

I hear that Honey-Chile Jenkins, from the college radio club, came out in short-shorts and racked up quite a score on phone. All she did was purr, "CQ Field Day, CQ," and the band suddenly came alive. So did Orville. They say his speed went up to 27 wpm.

Honey-Chile, as usual, posed for the newspaper photographers so the club will probably have some new members next month and some of the XYLs will start learning code.

We fixed a pretty good lunch this year. We were careful not to put paper doilies under any thing since a few got eaten last year. Didn't really hurt the boys but it embarrassed them some. Of course the children ate most of the food. About the only thing they didn't eat was Orville's lunch. He always brings health food and liver sandwiches.

Mabel, I don't know what their score was. With so much to tell about, Homer forgot to mention it.

Love,
Gladys

Who's Who at W4FPC

Morgan McSheehy was born on September 17, 1904. He graduated from Penn State in 1925 as an electrical engineer and after that spent 38 years in retail variety store merchandising before retiring.

Mac received his first amateur license, 8DUY, in Buffalo, New York, in 1927. His call was changed to W8OJJ when he moved to McKeesport, Pennsylvania in 1932-33; and was again changed to W4FPC when Mac moved to St. Petersburg in 1937.

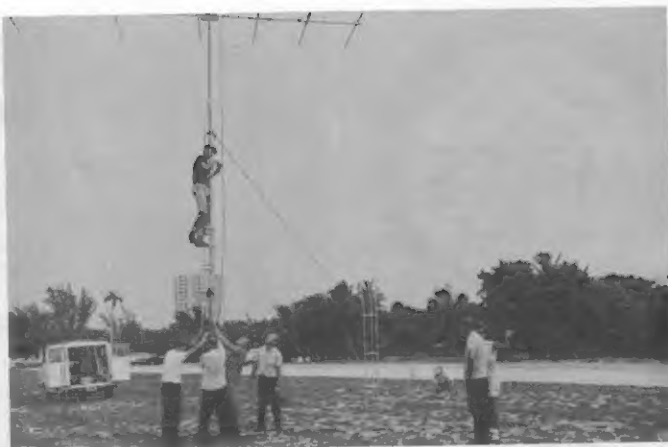
Mac obtained a second station license, W4SEA, for an emergency station for the city of Maderia Beach in approximately 1949/50; and became a member of Army Mars about this same time. In 1956/58 W4SEA was moved to the Pinellas County CD headquarters.

Between 1933 and 1942 most of Mac's activity was on 10, 5 and 2-1/2 meters building, experimenting and trying for dx. Between 1946 and 1949 Mac operated mostly two meters, and in 1950 Mac bought his first commercial transmitter and got into traffic. Currently, and since 1950, this has been the number one activity. This includes, of course, emergency communications and CD communications. Mac has received many BPLs during and after Korea, including a bronze medal BPL. This was his greatest traffic activity period.

Mac became EC of Pinellas County this year after serving as county CD communications officer from its beginning in 1950 to 1959. Mac served as area CD communications officer (14 counties) from around 1958 until 1961.

Mac is a member of QFN and 4RN, and a charter member of FMTN, TPTN and WARN also EC for Pinellas County.

His equipment includes a 32-V3, KWS1, HX30/HX20, and Bendix 1V14C two way Fm 145.-29 Mcs. The last is used for a special AFSKRTTY circuit with county CD. Mac uses a 75A4, PRO310, and VHF125 as his hearing aides.



THE YOUNG LAD up there isn't standing on an apartment house, he is standing on a tower while making a minor transmission repair for the Broward Amateur Radio Club (W4AB) field day near Ft. Lauderdale. Note van-type-shack for 6 meters in background.

(Photo via W4IEH)

TOP TWENTY TRAFFIC TAKERS

Each month we are happy to list the top 20 Florida traffic takers. We hope to see your call here next month.

1. WA4RQR	BPL	909	11. W4IAD	122
2. WA4BMC	BPL	516	12. WB4DSP	113
3. WA4SCK		444	13. WA4FGH	108
4. WA4NEV		345	14. W4ILE	92
5. WB4AIW		244	15. W4AKB	89
6. WA4JIM		207	16. W4MVB	89
7. K4BSS		135	17. W4SDR	80
8. W4FPC		132	18. WA4LJH	77
9. K4COO		126	19. WA4NBT	76
10. W4BVE		122	20. WA4DEL	75

TRAFFIC HOUNDS

By Jesse H. Morris, W4MVB

NET	QNI	QTC	SESSIONS	AVG QTC
QFN	862	308	62	4.96
TPTN	410	107	25	4.3
GN	246	150	31	4.6
SATN	158	165	26	6.3
FPTN	390	388	26	14.9
FAST	734	173	26	6.7
FATT	184	20	31	.65
FMTN	505	354	26	13.6
WFPN	500	70	31	



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ELECTRONICS

THE HAM SHACK

OPEN ALL DAY SATURDAY

2211 N.W. 36th St. NE 5-0378 MIAMI, FLORIDA



by Jim Wilson
W4GDK-NØWCK



JERRY MARTIN, K4 DI, Miami (See Story Below)

Report From Congress

Reorganization of our Navmars communication systems has resulted in the following:

6th Nav. Dis. phone nets (for assigned traffic reps.) manager Mrs. Georgia Denman NØZTC.
6970 KC LSB 1300-1500Z daily M-F
6970 KC LSB 2000-2100Z daily M-F

So. Fla. Area fone net 4015-KC LSB daily 2200Z (6 PM)

N.E. Fla. Area fone net 4008.-5KC USB 2200Z M-W-F
N.E. Fla. Area CW net 4008.-5KC CW 2200Z T-Th-Sun.
Either Mode 4008.5KC - 2200Z Sat.

RTTY DIST. nets - Jim Cummings NØAPC St. Pete, Mgr.
RTTY all Fla. net-7301 KC Mon. 2200Z
RTTY Dist. net-7301 KC M-F 2300Z
RTTY Dist. net-7301 KC Sat. & Sun. 2000Z

Dist. CW Mgr. NØEWT Lu Delson, Pensacola, N.W. Fla.
Dist. 4040 KC - 0200Z-Daily inc. wkends.
Dist. 6970 KC - 1600Z-Daily All Fla. CW net 68800 KC - 1600Z-Daily inc. wkends, NØAH, Mgr.

N.E. Fla. Coordinator Georgia Denman is pleased to have the cooperation of NØVDI, Glenn Rupp of Jacksonville who has returned to the area. She is proud of the appointment of Phil Gulick NØWJV as editor of the new 6th Naval Dist. news bulletin, for Navmars.

If you wish additional information about Navy MARS, contact W4GDK of Ft. Lauderdale who will be glad to give it to you.

(EDITOR'S NOTE: The following appeared in REPORT FROM CONGRESS by Congressman Claude Pepper.)

US AIR FORCE JETSMERCY SERUM TO VENEZUELAN YOUTH

A Florida ham radio operator (K4DI in Miami) recently received an urgent message requesting medical assistance for a five year old Venezuelan boy bitten by a Coral snake. The call went to Dr. William Haast of the Miami Serpentarium. Dr. Haast is an expert in snakebite cases and has the distinction of being the only man to have survived a King Cobra bite.

Dr. Haast gathered his serum and attempted to send it to Venezuela, but was unable to find a commercial flight south. He called Congressman Pepper late the same night, with an urgent plea for assistance. The Congressman called U.S. Air

Force Headquarters, Washington, and shortly the serum was on its way via jet to South America in time to save the young boy's life.

New Sightless Amateur

By Zach Bruce, WA4TJS

The Lake Amateur Radio Assn. is proud to announce that Howard McNeeley has passed his General exam. His call is WB4DRM. He will be on the air with a new Swan 500 transceiver. We hope all Florida amateurs will welcome Howard when you hear him on the air, as Howard is blind.

The members of the LARA got together and gave him different parts so that he could become familiar with what the different radio parts "look" like. We are all very proud of Howard, and I feel that the entire Florida Amateur fraternity is too.

Just Another Cycle

In a recent article in Electronics World, John Frye reminds us that quite some years ago all radios were battery powered. A standard dry cell warmed the filaments of the WD-11 tubes. The standard 45 volt "B" battery for supplying the plate voltage was about the size of a giant box of soap flakes and a lot heavier. Now here we are back in the battery business again.

He also points out the fact that quite a bit of roof climbing was involved at that time. It was not necessary to remind me of that. I still carry marks on my fanny from the splinters I picked up sliding down the rough shingle roofs of those days.

ONYX

SUPPORT OUR
ADVERTISERS

'SKIP'-eroo's THE BRAIN DEPARTMENT

Unscramble each line of letters and insert them in order in the boxes to the left of them. Each line forms a common word, mostly electronic, which must be in the proper order to give the correct solution. Then unscramble the letters within

the circled boxes and place in the box or boxes at the bottom to find the answer to this months puzzle. Correct solution in next months "Skip".

This months "SKIP"-eroo submitted by Bert, W4IOI.

NO. 5 - "WHAT EVERY HAM SHOULD OWN"

□ ○ □ □ □ □ □ ○

TRAYBET

○ □ □ □ □ □ □ ○

MAPIMIL

□ □ ○ □ □ □ □ ○

LOOKVIT

○ □ □ □ ○ □ □ □

DENUDET

" □ □ □ □ □ □ □ □ "

SOLUTION TO NO. 4

CAPACITY	SIGNAL	
SWITCH	SPARK	"CATSWHISKER"
POLARITY	SELSYN	

CLUB NEWS

(Continued from Page 7)

tal of 5426 points. George V. Cook Jr. W4LEP/W2OBU, from Vero Beach, lent a big hand to us on 20M as well as much good advice. Thanks to George from all of us.

Our meeting night has changed to the 3rd Monday, and we now meet at The First National Bank of Melbourne, the air conditioning and free coffee are a big hit with the members.

We have a Novice, Dave Ballengee WN4FOK, who has worked 27 states with 15 confirmations, and several foreign countries, including Australia and New Zealand. He is shooting for 100 countries as a Novice, only two have done it. I am sure you all wish him the best.

Our TVI committee is very active, solving most problems in 5 days or less.

I am in the middle on this publication date, copy due before the HAMFEST, publication after.... Oh well, if you came I hope you had a good time... or will?

As you will note by my WN call, I am new in more than this writing game. Have patience with me if you hear me on the air, we are too busy with the HAMFEST to get in much code practice.

If all you people read this article, they may let me write it all the time... I only type 5 WPM too. By the way, if any readers can come up with a phonetic for FUA that can be used on the air, send it to me in plain brown wrapper. '73, WN4FUA.

FLORIDORA NEWS

By Cathy Soehl - W4BAV

ATTENTION: Floridora Contest will be held during Sept.-Oct. using the following frequencies: 3933 kc., 3945 kc.; 7225 kc.; 7281 kc.; 50.3 mc.; 50.115 mc.; 145.350 mc. WA4-BMC will put out messages concerning times, which are not available at this time due to vacations.

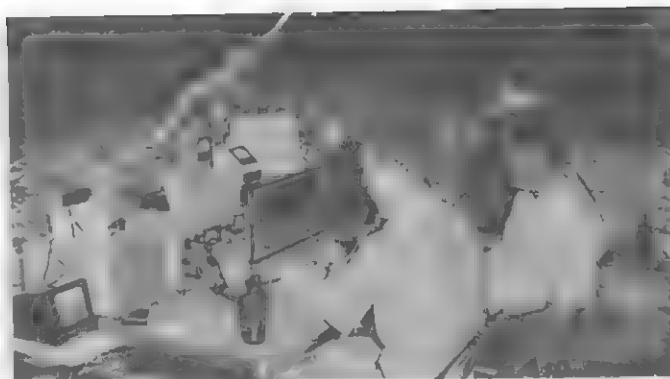
K4HSC-Meg was surprised and delighted to receive a visit from K4-RED-Lucy at her mountain home in Hiawassee, Ga.

K4LZI-Frances is interested in a 2-meter Floridora Net; those on 2-meters, how about contacting her in DeLand and get some activity on 2. It was nice hearing from Frances, who by the way, is very proud to be a great grandmother at 57, having had 11 children.

W4JUR-Mims was thrilled with the '64 Comet OM-Walt K4VNA gave her for their wedding anniversary. How many years, Mims? Congratulations.

WA4TSS-Virginia regrets that she cannot join us on the Net, due to the fact she and OM-Olaf operate the Swede's Upholstery in Ocala.

WA4QJN-Ann, though busy as Librarian for Mann Jr. High, in Brandon, besides homemaking duties, has time for her hobbies such as hamming,



THIS GROUP of Broward Amateur Radio Club members prefer to "rough it" under a tent during Field Day. W4AB was heard on most all bands. "That's not REALLY a beer bottle, mom."

(Photo via W4IEH)

AREC Flash Alert

By Zack Bruce, WA4TJS

At 6:50 AM July 28, 1967, an employee of Seaboard Railroad reporting to work smelled chlorine gas escaping from a parked tank car. This was immediately reported to his superior, and then reported to Leesburg Fire Department, Leesburg Police Department, and Lake County Civil Defense.

A total of 800 persons were evacuated from their homes in the North Eastern part of Leesburg by authorities. I left my home at 8:30 AM and heard a news bulletin from WLBE radio and talked with R. L. "Bunny" Stevens about the situation. At that time, Mr. Bill Hess, Lake County CD director came in and I stated that I would contact the emergency coordinator, Bill Davis, K4UYN immediately and have the Lake Emergency Net which operates on 6 meters put on standby alert for possible emergency communications.

Mr. Hess contacted the state CD director, and a repair kit, and technician were flown from North Miami via jet to Leesburg. In the meantime, Bill Davis and myself drove to the area and talked with Mr. Stevens about the situation. At that time,

flying, sewing and golf. She has DX-CC worked 250 with 220 confirmed as WA4QJN; DXCC as W9MPX-Indiana and DXCC as KG6AU-Gaum Island. WA4SWW-Barbara, daughter of WA4QJN, is 15, student of Brandon High and passed her General Class License at age 12.

K4RHL-Ellie acquires a daughter this month when son John marries. Ellie busy and excited preparing for the wedding. Congrats and good luck to the bride and groom.

W4WPD-Shirley's '67 Dodge Dart, soft tan color, red interior; air-condx tinted glass all round; 4 door; power steering, etc. Happy riding with the Dart.

a locomotive from Wildwood, Florida came, and was making preparations to move the tank car to Bamboo, Florida which is about 5 miles from Leesburg, and in a very small populated area.

All persons working at the tanks car were wearing gas masks furnished by the Leesburg Fire Department, but unfortunately three men were overcome by the deadly chlorine gas. They are presently in excellent condition.

At 10 AM, the tank car was removed from the Allied Chemical Plant in Leesburg, and Bill Davis and myself went back into town, and had the Lake Emergency Net removed from alert.

Our AREC group was prepared at all times to provide extra or emergency communications should the need arise. Another point for the ARPSC, AREC.

MANPACK RADIOS

First of the new 16,000-channel Manpack radios were delivered to the armed services recently by Hughes. The solid-state combat radio provides reliable two-way communications at ranges from hundreds of feet to hundreds of miles. At close ranges it uses ground waves to penetrate dense jungle and hurdle rough terrain; beyond 25 miles it bounces its high-frequency signals off the ionosphere. Manpack weighs only 29 pounds, operates as efficiently on flashlight batteries as on wet cells. More than 1,000 of the original 10,000-channel sets have been delivered to the Department of Defense for use in Southeast Asia.

FROM OTHER PAGES

Few hams have anything good to say about CB'ers. I used to be that way, but I discovered a Great Truth about our 10-4 country-cousins. But before I fly off the handle and say something nice, let's compare ham radio from the viewpoint of emergency communications.

Ham equipment is usually much more flexible than CB gear. Higher power, SSB or CW for when the going gets rough. Choice of frequencies to avoid QRM, get the propagation that suits you, etc. The ham operator has it all over the CB op for communicating ability—he could communicate better with his big toe than the CB'er could with his whole head. He knows how to operate—how to fix his equipment if it develops smoke—and I like to think he even has a little more common sense and better judgment.

So what does the CB'er have to offer that's better than its ham counterpart. Let me tell you. Interest. Enthusiasm. Vigor. Those boys are go-getters. Let an emergency develop and they are all hot to trot. They are ready to roll. They will go out and help out when hams are sitting at home keeping warm. They don't wait to be asked to help—they just help!

CB'ers remind me of hams as they were 20 years ago. Hams today? They remind me of a bunch of old ladies sitting around gossiping, and too busy at it to do anything useful. What do you have to say to that?

--(from OSCILLATOR, Etna, Penna.)

SIDE REMARKS

SKIP acknowledges the following remarks made on the SKIP renewal slips with our thanks.

"If you call in on the Knights of Kilocycle, give them my regards. W4SVB, Richmond, Va. ... Enjoy your swell magazine. K4HN, Seminole, Fla. ... Info better than 75 phone. W4UHC, St. Augustine ... Always enjoy reading SKIP. K4RP, Winter Park ... Enclosed \$6.00 for 3 years plus \$1.00 for postage increase. W3FNU, Washington DC ... Transistors are advancing so rapidly, let's have some short articles on these circuits and characteristics of these that apply to the VFH and UHF bands. WA4WEY, Indian Harbor Beach, Fla. ..." (EDITOR'S NOTE: Can anyone help us on this one?)

CERTIFICATE HUNTERS

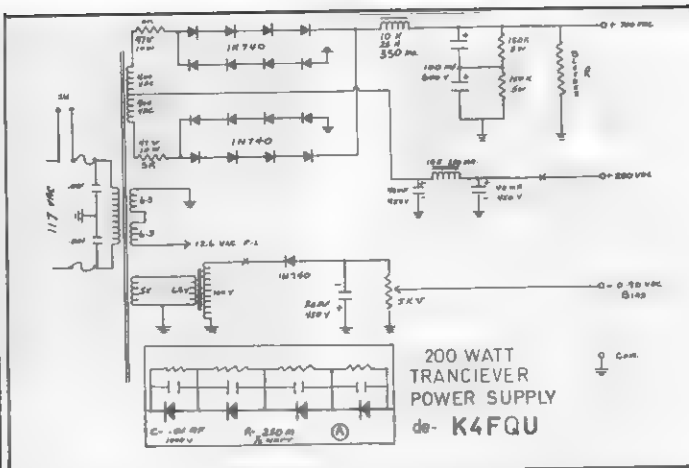
Compiled by W4OHP John Bowman
Assisted by WA4BMC and K8CIR

PART V

178. WWVA Award by Kanawha RC—P.O. Box 9064, South Charleston 3, W. VA.
179. Land of Lincoln Rail Splitters Award by Sangamon Valley RC—P.O. Box 572, Springfield, Ill.
180. Society Radio OPS Award by KRO DX Club—531 Linden Ave., Wilmette, Ill.
181. River Park ARC Award—W9CBT
182. Caterpillar ARC Award—K9MXS
183. Lawndale Award by Lawndale Chicagos Boys Club ARA K9YHB
184. York RC Award—WA9AJF
185. Work Hamfesters RC—No Address, No Call
186. WISILL by WISILL RC—K9WTS
187. Worked all Skokie by Skokie 6 Mtr Indian Net—K9BDJ
188. 6 Meter SMART Club—K9TNR
NOTE: Ref #185 address is: 6000 S. Tripp St., Chicago, Ill. 60629
189. Work St. Clair Cty by St. Clair RC—K9GXU
190. Michigan City AREA Award by Michigan City ARC—W9CSF
191. Worked All LaPorte by La Porte ARC—K9EEE
192. Lilly RC Award by Same Club—Eli Lilly and Co. Indianapolis 6, Ind.
193. Marion County Century by Indianapolis RC—W9JJC
194. WEARC by Western Electric ARC—2525 Shadeland Ave., Indianapolis, Ind.
195. Worked All Kansas by Wichita ARC—120 E. Douglas, Wichita, Kans.
196. Work McPherson Cty by McPherson ARC—McPherson, Kans.
197. Hi Plains ARC Cert—WØGID
198. Jayhawk ARS Cert, KØVJ
199. Wheat Shocker Cert. by Johnson ARC—5845 Roeland Dr., Mission, Kans.
200. Flint Hills cert. by Neosho Valley ARC—WØZGB
201. Kansas City VHF ARC by Same Club—P.O. Box 973, Kansas City 41, MO.
202. Mark Twain Cert. by Northeast MO. ARC—212 Bird St., Hannibal, MO.
203. The Rebel Net Cert.—KØPWS
204. Nebraska Clys Award by McCook Nebr. ARC—KØTAL
205. Admiral Award by Nebr. ARC's—P.O. Box 626, Omaha, Nebr.
206. Nebr. Centennial by Nebr. ARC's—Lincoln Hotel, Lincoln Nebr., 68508
207. MESABI Award by MESABI ARC—KØKZF
208. Mile Hi Award by Denver RC—P.O. Box 356, Denver 1, Colo.
209. Steel City Award by Steel City ARC—P.O. Box 92, Pueblo, Colo.
210. San Gabriel by San Gabriel RC—317 Rosemont Blvd., San Gabriel, Calif.
211. Westchester by Westchester ARA—7811 Agnew Ave., Los Angeles 45, Calif.
212. Dunsmuir RC Award—W6IOM
213. Port of Stockton by Stockton ARC—W6FGJ
214. Dx Plofters Cert—P.O. Box 9, Baldwin Park, Calif.
215. San Fernando Valley RC—K6UMV
216. San Diego 1/2 Century—W6HKF
217. San Diego Century Club by Coronado RC—W6HKF
218. M.G.M. ARC Award—MGM Studios, Culver City, Calif.

SUPPORT FLORIDA SKIP

Your Amateur Radio Publication



200 Watt SSB Transceiver Power Supply

By Earl Spencer, K4FQU*

After a guy shells out enough to buy a transceiver these days, he usually doesn't have anything left for the companion power supply which can cost near a C note one way or the other. These power supplies usually just make the grade and that's all, power wise. For about twenty bucks and a well stocked junk box, a supply can be home brewed that will out perform and outlast any commercial one by far.

The schematic is pretty well self explanatory and is only meant as a guide although it can be copied and used for most transceivers. This one has powered this author's NCX-5 for over four years with no trouble save on leaky filter capacitor during last field day.

The diodes can be any diode that will handle the voltage and peak loads. Those shown are 1N740's available through Thruway Dist. and are very satisfactory. They are rated at 400 volts and 400 mils. Four diodes were used in each leg as a safety factor while three could actually carry the load. Any diodes can be used though the rule must be remembered when choosing them. The number of diodes in EACH leg MUST exceed the PIV factor of 1.4 times the total secondary voltage of the transformer. In this case, 1.4 times 800 equals 1120 v. 4 times 400v equals 1600v thus the 1N740's will carry the load. The (SR) surge resistor will aid greatly in reducing the momentary PIV across the diode bridge.

The inset "A" shows the method of equalizing the load over each diode and is a must. Without them, SMOKE.

The transformer is an old and I do mean old, TV transformer. Most of today's TV transformers will not supply the load so it is wise to hunt around and find one about ten years old that is in good condition and test it's capacity before building the power supply.

Choke input or Capacitor input is a matter of taste, however the choke input will give better regulation.

Bias supply was simply a filament transformer back to back with the heavy duty filament winding of the transformer. This may be juggled to suit your particular needs and a dropping resistor may be added if needed at the points marked "X".

The 6.3 volt windings are series connected if 12.6v is used. There is no regulatory circuit included as most transceivers have regulators incorporated within the set.

The diode bridge can be built upon a circuit board 3" x 3" by placing the diodes on one side and the rc network on the reverse side. It may be mounted in any position without need of cooling although it should be mounted where it will not be accidentally touched.

This one is built on a 2" x 8" x 12" aluminum chassis and weighs in at about 40 pounds. It has run the last four field days, and developed a leaky filter condenser about 6 am Sunday of this past field day which was the only breakdown in over four years.

*1413 Davis Dr.
Ft. Myers, Fla. 33901

12th World Scout Jamboree Meets In Idaho

By Henry Suttikus, K4AOB

The 12th World Scout Jamboree which was held at Farragut State Park in Idaho, August 1-9 commemorated the 60th anniversary of the Boy Scout Movement.

The World Scout Jamboree had its own Amateur Radio Stations, K7WSJ and K7BS, during the entire event. On the weekend, August 5-6 a Jamboree-on-the-Air was held for the purpose of giving the Scouts who were attending an opportunity to talk

with other Scouts throughout the world.

The Lake Amateur Radio Association of Lake County made arrangements with the Scouts at Scout Camp La-No-Che to set up a radio station at the camp site. Since Camp La-No-Che would not be in operation during the Jamboree -on-the-Air it was necessary to set up the station Wednesday evening, August 2. Three members of the Lake County Radio Club, Henry Sutt-

kus, Michael Suttikus, and Howard Harris, erected an antenna and installed the necessary equipment. The first contact was made promptly at 4:28 P.M. This was with a station in North Kentucky. After a few more contacts they succeeded in reaching K7WSJ, the Jamboree station. Following an enjoyable dinner served by the Scouts one more contact was made with the Jamboree much to the delight of the assembled Scouts.



Letter

Dear Sirs:

Really, as John Velamo OH2YV in the A.H.C. bulletin...I have now a good chance to appreciate the sleepless nights, rewarmed meals, hot coffee service in long contests etc., etc. our XYL has "gone through" because of our ham activities.

For all these reasons that I come to you to ask if you could be so kind to send this Dear Mabel Award to my XYL.

Please send it to:
ESMERALDA C. PERI de MIRABELLI
Tridenta y Tres N° 489
Buenos Aires City
Roa. Argentina

Very truly yours,
Arnaldo Mirabelli LU3BU

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The "HAM'S SPANISH-ENGLISH MANUAL" is designed for Radio Amateurs who want to communicate with the Spanish speaking amateurs throughout the world. It is written just as you would be talking to any HAM. The words are translated in phonetics for easy pronunciation and understanding. Expand your Latin-American QSO's, they are waiting and very happy to QSO you.
LU7FAG Gus

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COLLINS 32S-1 and 516F-2 \$325.
COLLINS 75S-1 \$249.
COLLINS KWS-1 \$375.
COLLINS 312B-4 \$125.

ELDICO T-102 XMITTER &
Power Supply (Same as Col-
lins 32S-1) \$175.

HAMMARLUND HQ-110A \$115.
HAMMARLUND SP-600JX \$249.

HALLICRAFTERS HT-32B \$225.
HALLICRAFTERS SR-150
AC, DC Mount \$325.
HALLICRAFTERS HT-32A \$195.

HALLICRAFTERS HT-41
Linear \$175.
HALLICRAFTERS SX-117 &
HA 10 Tuner \$195.
HALLICRAFTERS SX-101A \$165.
HALLICRAFTERS SX-101-
MK IIIA \$135.
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The 7th edition of HAM PHONE DIRECTORY now being compiled will list call, name, address, city, phone and ZIP numbers of any amateur from Orlando to Key West who sends in the above info to Ham Directory, 1136 SW 74th Ct., Miami, Fla. 33144. By return mail we will send you a descriptive bulletin explaining all details. Listings are free.

FOR SALE: Cush Craft 6 element beam for 6 meters, fine condition. \$15.00. Duke Rindge WA4RLI, 280 Harbor Dr., Key Biscayne, Fla. Phone 361-2787.

HENRY 2KD-2 would trade for 75S1-2-3 or 3B or R4A etc as part payment. Wanted for project does not have to work - HT45, BW-L-1001-A, 2KW power supply. Foy Coble WA4LXX, 251 Collier Ave., Nashville, Tenn. 37211.

FOR SALE: Heath HW-30 Tower. Millen Grid-dip meter and coils. Electro Voice #727 ceramic mike and stand, Astatic #335H-7 mike, Shure #420 mike, Dow Coaxial relays 12 v.d.c. and 110 v.a.c. plus Hy-Gain 3 element 2 meter beam. WANTED: Saturn 6 halo, 2 meter halo, Newtronics Hustler mobile antennas 15, 20, 40, 75 meter resonators and MO-2 pumper mast mount or what have you? Bob McClaran W4ZGG, Box 2513, Vero Beach, Fla. 32960.

FOR SALE: Galaxy III transceiver with speaker and a.c. power supply \$280.00. Also WANT Collins 2S-3 and 516F-2. Will trade for 1967 brand new Zenith color TV console in carton. Sam H. Traeger W4RK, 14400 SW 81st Ave., Miami, Fla. 33156. Phone 373-6559.

FOR SALE: Heathkit DX-60 transmitter with Heath VF-1 VFO like new both \$50.00. EICO model 249 VTVM with 6 inch dial perfect \$20.00. RCA No. 155 CR Oscilloscope, needs work but basically good \$15.00. Genometer model TV-50 signal generator, good \$15.00. Heathkit Grid Dip meter GD1B with coils \$3.50. Heath Model DF-1 radio direction finder, perfect \$35.00. Harry Lewis, 6421 SW 41st St., Miami, Fla. Phone 665-1786. WANTED HA-1 TO Keyer or will swap above for Autronics key or code tape machines.

FOR SALE: Viking Ranger I, PTT, good condition \$85.00. Ted Galicke WA4EJQ, 955 N.E. 132nd St., Miami, Fla. 33161 Phone 757-3605

WANTED: Master mobile Master-Match 6 or 12 v.d.c. must be in good condition. Ray LaRue W4BYG, P.O. Box 9801, Atlanta, Ga. 30319.

WANTED to trade: Heath Twoer for HO-10 scope. R.D. Ralston K4LFF, 7195-59th St., Pinellas Park, Fla. 33-565 Phone 544-2176

FOR SALE: Heath AT-1 transmitter \$13.00. Heath VFO VF-1 \$10.00. Heath antenna coupler AC-1 \$7.00. Home brew 6 meter 10 xmt \$5.00. Howard Stark WA4MTH, 9231 Caribbean Blvd., Miami, Fla. 33157 Phone 235-4021.

FOR SALE: 304TL's used \$20.00 each, good for KW amplifier. Lambda regulated power supply model C-881M, rack mounted, 6-1/2 feet high approx. 80 pounds. 125 v.d.c. regulated at 800 ma., 230 v.d.c. unregulated (max current unknown) 6.3 v.a.c. at 20 amps \$80.00 FOB. David Shalloway WA4JYB, 18801 NE 21st Ave., Miami, Fla. 33162 Phone WI 7-4177.

FOR SALE: Gonset G-50, 6 meter transceiver \$100.00. Do-all frequency meter model 780 \$50.00. Heath Ham Scan Model HO-13 cost \$100.00 sell for \$50.00. Milan R-8er with 6 and 20 meter coils \$10.00. Telrex new 40-80 meter coils, balun cost \$52.00 will sell for \$35. Collins 30-1 perfect \$350.00. Phil Craig, K4CRU, 115 S. Entrada, Hollywood, Fla. Phone YU-3-4536.

Starting September 6th 2nd Class Radiotelephone and amateur extra course. \$2.00 registration fee plus text book. Enrollment begins August 1, 1967 at Southwest Miami High School. For further info call Southwest Miami High School after 2 pm 274-0181 or A. L. Wilcox W4ELR instructor MO 1-2804 evenings.

FOR SALE: 24-hour Mastercrafters clock \$8.00. Mastercrafter 12 hour clock with 10 minute warning buzzer for station ID's. \$7.00. Session timer movement and case to handle 30 amps. can set-up equipment and timer turns it on. Has 2 110 v.a.c. outlets \$6.50. Heath condenser checker with manual \$8.00. RME 80 thru 10 preselector, complete with manual \$18. 500 to 500 or 8 ohm line amp. commercial built \$6.00. "Silver Model 900" VTVM, needs work \$5.00 Large ON THE AIR sign. \$4.50. All FOB. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, Fla. 33166. Tel. 888-3874.

FOR SALE OR TRADE: Heath HO-10 monitor scope, like new, \$40.00; Lettine Mod. 242, 6 M, clean, \$40.00; EICO Mod. 221 VTVM \$15.00; RCA master VoltOhmyst Mod WV-87A, 7 in meter with RF probe, \$20.00; DuMont 3-inch oscilloscope Mod. 224A, as in condition \$15.00; Surplus tube tester #1-177B, no manuals; rectifier power unit PP-259B 400 Hz, beautiful for parts; Bendix radio compass revr type MN-62-Y, 28VDC input, covers 150-325 kHz, 325-695kHz, 3.4-7 mhz, clean \$15.00; Tubes: 615, 632, 813, 4-65A, etc. Also widespread transmitting variables. All FOB. WANT Shure 444 mike or Hustler mobile antenna. Earl Spencer, K4FQU, 1413 Davis Dr., Ft. Myers, Fla., 33901 Tel. 813-936-1201.

VHF EASTERN FLORIDA

By Bertha Farr Eggert

WA4BMC

Please excuse the absence of this column for the last two months. My OM, Slim, WA4A-ZZ has had an injury to a disc, and has not been able to work, and I have been too occupied with problem to do much operating at all.

I know the picnic at Seabastian Inlet in June was a success. Wish we could have been with you all there.

Nice to hear from Wayne, WA4AKS, our SCM's brother.

WANTED:

Ham-M Rotator or Heavy Duty Rotator
Ed Wheeler, K4ADD
2061 N.W. 14th Street.
Miami, Florida
Phone: 633-8374
(Paid Adv.)

BROWARD Amateur Radio Club, Inc. W4AB meets 2nd Wednesday of month at Broward County Medical Bldg., 2200 S. Andrews Ave., Ft. Lauderdale, Fla. at 8 PM. Sept. meeting program features new and homebrew equipment, display and demonstration. See BARC Bulletin for Details. (Paid Adv.)

WANTED: HT-37. Please send serial number and price. Bob Baird K4B-WO, 202 Leon St., St. Augustine, Fla. 32084

WANTED: When you receive your QST renewal certificate, fill out the enclosed AREC application and forward to your local EC. If unknown, send to FLORIDA SKIP and we'll forward it. Thanks.

FOR SALE: Swan 350m late model serial no. 729463 with xtal calibrator and 117 Hz power supply. Mint condition. \$350.00 or best offer. M.C. Blythe, W4LJK, 212 N.W. 11th St., Pompano Beach, Fla. 33060, Phone 933-5049.

Don't wait for something good to turn up. Turn up your sleeves and get going.

WANTED: Set of bandspread coils for old HRO receivers (HRO 5 or 7 etc.), don't have to be clean, just electrically and mechanically intact. Have complete set of general coverage (100kHz-30mhz) coils in good electrical shape that might be considered as part of trade. Also for sale: ART-5's odds and ends, make offer. Dick Blasco WA4DHU, 6270 N.W. 38th Terrace, Miami Springs, Florida 33166, Tel. 887-1166.

Only two presidents, Washington and Lincoln, were lucky enough to be born on holidays.

NOTICE: WE ARE DISAPPOINTED IN THE NUMBER OF HAMBARS THIS MONTH. COULD IT BE VACATIONS? SUMMER SLUMP?? THE WAR IN VIET NAM?? OR COULD IT BE THAT 25 CENTS PER HAMBAR IS TOO MUCH TO SELL YOUR GEAR????? LET US KNOW IF IT IS.

Wayne lives in Oldsmar, and sent in a nice report for the June issue. Do write again, Wayne, and I will get it in.

Dick K4LFF, Pinellas Park, is my friend for life. Thanks for your support, Dick. He writes of his 6 meter contacts in JULY. He has worked all over the country, including California, and has heard a KL7, and worked XE1PY, KP4CK, TI2NA 3C2TQ, an HK and an OA. Congratulations Dick, and please send in reports to me each month.

Day after day, all of July, I have heard 6 meters opening to all parts of the country. I have been listening on Side Band, but now the Interceptor is fixed, and I will be on AM also. Worked a Texas station for about one half hour last night. On July 31, Mexico City was booming in on SSB, like a local.

Keep your ears open for any information of an Oscar Launching. Andy, W4IYT, sent me the latest information, from PROJECT OSCAR, INC. and there are plans for a EURO-OSCAR, and AUSTRALIS-OSCAR, the latter to be launched from California, perhaps sometime in October, or later. This satellite will have a 2 meter and 10 meter frequency.

Andy, W4IYT is on two meters now with a Twoer and a 7 element beam and Reg, W4ILE is also on two meters.

Remember Monday night, the Martin County Net, on 145.350 at 8 PM, edt, and also the Broward County net on 145.230 at 8 PM, edt. On Wednesday night on 145.350 is the Palm Beach County ARPS net, 145.350 at 8:30 PM, edt, and Friday night, the South Florida Traffic net, 145.30 at 8 PM, edt.

On six meters, there are two traffic nets; one for side band and one for AM. I will have more details on this next month from the Assistant VHF-PAM of Dade County.

I would like to hear from those of you who are operating 220, 432, and 1296; what you are working, your gear and antennas and what your plans are. Also, would like to hear from ATV and FM operators. Please send your reports to me, very close to the first of each month. The address is 1510-17th Ave. North, Lake Worth, zip 33460.

Good DX and have fun on the bands during September.

FLORIDA SKIP September 1967 15



AFB4JTK/AFC4BND

The monthly meeting for July at Homestead AFB was attended by approximately 25 members. The dinner date was debated and decided to be August 11 at the Sweden House on US1 north of Perrine, Fla. It combined the 6 meter 2 meter and base support nets. Bill Duggen, AFB4-OUI handled all the details.

The tests on 6 meters between the Orlando-Winter Haven area and Georgia have been successful. AF4BCL of St. Simons Island, Ga., and AFB4LQE Carl, AFB4DEV Roy and others have been in contact with each other at 0100Z on Tuesday evenings. If other tests are successful there will be a 6 meter intrastate net that will be reliable. An advantage to this is that propagation conditions are less likely to cause interference. More on this subject as we receive it.

We are glad to have AFA4-PZW and AFB4SGF of Jacksonville checking into Area 2 net with regularity. This permits AF traffic to be handled by AF Mars. Welcome fellows we hope you get more from the Area to check in.

Query: How many of you members have DD1150's around that have never been returned. Someone stuck his neck out and mailed them to you instead of making you come by in person. You were saved the inconvenience and in turn he is being inconvenienced waiting for their return. Look around and see if there isn't one that you forgot to mail back.

We have noticed that some base station operators are very lax in the handling of traffic. We know that they can do better because we have heard them.

Traffic has begun to pick up a little now that some are back from vacations. Remember we must try to keep the traffic in the Mars circuits and get rid of it only if it cannot be handled that way.

We haven't received any information from any of you CW boys. Let us know what freqs. you are operating and what traffic is being handled by you. After all CW is still part of the over all communications net-



NEWLY ELECTED OFFICERS for the Lake Amateur Radio Assn. Front: Tiny, W4BP, Secretary; Hank, K4AOB, President; Marion, W4AFH, Treasurer. Back: Doc, W4DPD, Member Board of Directors, Conk, K4LPS, Trustee LARA-W4YKY, Reid, W4VDY, Vice President and Hex, WA4ZJI, Activities Mgr.

(Photo via WA4TJS)

FCC Logging Laws

Recent decisions by the FCC concerning logging by commercial two-way radio systems -- especially base station to mobile -- does not in anyway carry over to American radio.

The reasons for logging should be quite apparent. The information to be recorded should be quite basic for any ham.

The FCC requires every amateur to keep a complete station operating log. It may also contain other information such as experimental tests and adjustment data.

Although there is no "official" log form, each record must contain certain specified information. (1) the date and time of each transmission, (2) all calls and transmissions made (whether or not two-way contact is made), (3) the input power to the last stage of the transmitter, (4) the frequency band used, (5) the time of ending each QSO... as well as the operators signature. Record of any traffic must be kept for one year, too, either by noting it in the log or saving a copy of the message.

When checking into a net the log should show the time that you actually responded to the net control station. Once you have work.

Show this column to other members who do not receive it. They may find it interesting also.

Contact your State Mars director or any AF Mars member if you know of anyone interested in joining AF Mars. In the Miami area contact either AFB4JTK at 624-3018 or AFC4BND at 759-9847.

checked in you are engaged in a QSO until either you check out or until the net is dismissed. In other words it's just like a giant roundtable.

And as a footnote by "each" transmission it is meant every CQ, every Test, and every unsuccessful call to another station.

And remember to sign your log. It need only be done once per page except when there is a change of operators. List the name of anyone who speaks through your transmitter whether from the shack or on the phone patch.

(K4DSN Balanced Modulator)

NEW FEATURE IN THE RADIO AMATEUR CALLBOOK STARTING IN FALL '67 EDITION

For the first time the United States edition of the Radio Amateur CALLBOOK will include the license class identification of licensed radio amateurs listed in the CALLBOOK.

This new feature will appear in the form of the first letter of the individual's license class and will follow immediately after the call letters. Identification of the class code will be listed at the beginning of each district.

This information will appear for the 48 States only; Alaska, Hawaii and Possessions will follow in a later issue.

Radio Amateur Callbook, Inc.

ELECTION (From Page 1)

returned, the analysis of the "poll" should serve as guide for the entire Board as well as your own Division Director. There will be a deadline date for returns, probably November 15. I earnestly solicit the help of all of you in assuring the maximum possible number of answers.

C.J. Bolvin, W4LVV
Director
Southeastern Division

Amateur Radio Publication Contest

(Continued from Page 1)

All entries must be in the hands of the Contest Manager by the 30th of December.

4) Entries will be segregated in two categories for judging as follows:

- Category 1: With commercial support
- Category 2: Non-commercial support.

Each Category will be judged on the following points and an appropriate award certificate will be issued to the one judged best in each case. In some instances, certificates may be issued to both Editor and Sponsor.

- Best Masthead
- Best General Format
- Best Editorials
- Best Club Activity Coverage
- Best local (Ham) News Coverage
- Best Usage of other Publication items
- Best Variety of Club Member Contributions
- Best Technical Articles
- Best Illustrations (not circuit diagrams)
- Best Sectional Coverage (For Sectional Publications only).

In addition to the above, one Grand Award will be made to the best all around publication in all categories. Runner-up awards in all Categories may be issued when the judging is close at the discretion of the Judges.

The Judges will be announced later. Exceptionally well-qualified and impartial Judges are being selected. Their decisions will be final.